

CERTIFICATE OF ACCREDITATION

In terms of section 22(2) (b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-

EXPLOLABS CERTIFICATION SERVICES (PTY) LTD **Co. Reg. No.: 2022/410870/07**

Facility Accreditation Number: **C124**

is a South African National Accreditation System accredited facility
provided that all SANAS conditions and requirements are complied with

This certificate is valid as per the scope stated in the accompanying schedule of accreditation,
Annexure "A", bearing the above accreditation number for

PRODUCT CERTIFICATION

The facility is accredited in accordance with the recognised International Standard

ISO/IEC 17065:2012

While this certificate remains valid, the accredited facility named above is authorised to
use the relevant accreditation symbol to issue facility reports and/or certificates

Mr M Phaloane
Acting Chief Executive Officer

Effective Date: 24 August 2023
Certificate Expires: 23 August 2026

ANNEXURE A

SCOPE OF ACCREDITATION

Facility Number: **C124**

Permanent Address of Facility:
 Explolabs Certification Services (Pty) Ltd
 7 Spanner Road
 Olifantsfontein
 Johannesburg
 1665

Management Signatory: Mr R Venter

Postal Address:
 7 Spanner Road
 Olifantsfontein
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Nominated Representative: Mr R Venter

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Issue No.: 02
Date of Issue: 11 September 2023
Expiry Date: 23 August 2026

Explolabs Certification Services (Pty) Ltd, complies with the accreditation criteria for certification bodies as laid down in ISO/IEC 17065:2012 and guidelines in ISO/IEC 17067:2013, and is authorised to provide certification for the following schemes:

Certification Scheme	Type	Standard/Spec	Description of Standard/Specification
IAF 19: Electrical and Optical Equipment (Explosion Prevention)			
Product Certification Agreement DOC29/ExCS-SANS 60079	Type 5	SANS 60079-0: 2019	Explosives atmospheres -Part 0: General requirements
		SANS 60079-1: 2015	Explosives atmospheres -Part 1: Equipment protection by flameproof enclosures "d"
		SANS 60079-2: 2015	Explosives atmospheres -Part 2: Equipment protection by pressurized enclosures "p"
		SANS 60079-7: 2019	Explosives atmospheres -Part 7: Equipment protection by Increased safety "e"
		SANS 60079-11: 2012	Explosives atmospheres -Part 11: Equipment protection by intrinsic safety "i"
		SANS 60079-15: 2010	Explosives atmospheres -Part 15: Equipment protection by type of protection "n"
		SANS 60079-18: 2022	Explosives atmospheres -Part 18: Equipment protection by encapsulation "m"
		SANS 60079-19: 2021	Explosives atmospheres -Part 19: Equipment repair, overhaul and reclamation
		SANS 60079-25: 2021	Explosives atmospheres -Part 19: Equipment repair, overhaul and reclamation explosive – Part 25: Intrinsically safe electrical systems
		SANS 60079-31: 2014	Explosives atmospheres -Part 31: Equipment dust ignition, protection by enclosure "t"
Product Certification Agreement DOC29/ExCS-SANS 80079-34	Type 5	SANS 80079-34: 2013	Explosives atmospheres -Part 34: Application of quality systems for equipment manufacture
Product Certification Agreement DOC29/ExCS-SANS 80079-36	Type 5	SANS 80079-36: 2018	Explosives atmospheres -Part 36: Non-electrical equipment For explosive atmosphere-basic method and requirements
Product Certification Agreement DOC29/ExCS-SANS 80079-37	Type 5	SANS 80079-37: 2018	Explosives atmospheres -Part 37: Non-electrical equipment for explosive atmospheres -non-electrical type of protection of protection constructional safety "c" control of ignition source "b" liquid immersion "k"

Product Certification Agreement DOC29/ExCS-SANS 80079-36/37/38	Type 5	SANS 80079-38: 2020	Explosives atmospheres -Part 38: Equipment and Components in explosive atmospheres in underground mines
Product Certification Agreement d DOC29/ExCS-SANS 1020	Type 5	SANS 1020: 2023	Power-operated dispensing devices for flammable liquid fuels
Product Certification Agreement DOC29/ExCS-SANS 808	Type 5	SANS 808: 2018	Cable glands for use on flameproof enclosures (Ex d)
Product Certification Agreement DOC29/ExCS-SANS 868	Type 5	SANS 868-1-1: 2018	Compression-ignition engine systems and machines Powered by such engine systems, for use in mines and plants with explosive gas atmospheres or both. Part1-1: Hazardous location in underground mines- basic explosion protected engines
		SANS 868-1-2: 2022	Compression-ignition engine systems and machines powered by such engine systems, for use in mine and plants with explosive gas atmospheres or both. Part 1-2: Hazardous location in underground mines- explosion Protected engine system
		SANS 868-1-3: 2013	Compression-ignition engine systems and machines powered by such engines systems, for use in mine and plants with explosive gas atmospheres or both. Part 1-3: Hazardous location in underground mines- machines
		SANS 868-1-4: 2022	Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or both. Part 4: Non -hazardous locations in underground mines
Product Certification Agreement DOC29/ExCS-SANS 1654	Type 5	SANS 1654: 2018	DC-powered (battery-operated) machines for use in Hazardous locations in mines

IAF 19: Electrical and Optical Equipment (Non EX Related)

Product Certification Agreement DOC29/ExCS-SANS 1804	Type 5	SANS 1804-1: 2012	Induction motor Part: 1: IEC requirements
	Type 5	SANS 1804-2: 2012	Induction motor Part: 2: Low voltage Three phase standard motors
		SANS 1804-4: 2012	Induction motor Part: 4: Single phase induction motors
Product Certification Agreement DOC29/ExCS-SANS 1213	Type 5	SANS 1213: 2017	Mechanical cable glands
Product Certification Agreement DOC29/ExCS-SANS1063	Type 5	SANS 1063: 2020	Earth rods, couplers and connections
Product Certification Agreement DOC29/ExCS-SANS 62444	Type 5	SANS 62444: 2011	Cable glands for electrical installations
Product Certification Agreement DOC29/ExCS-SANS 10242	Type 5	SANS 10242-1: 2017	The rewinding and refurbishing of rotating electrical Machines, Part 1: Low motors
Product Certification Agreement DOC29/ExCS-SANS 60529	Type 5	SANS 60529: 2013	Degrees of protection provided by enclosures. (IP Code)
Product Certification Agreement DOC29/ExCS-SANS 60598	Type 5	SANS 60598-1: 2021	Luminaires Part 1: General requirements and tests
		SANS 60598-2-1: 2020	Luminaires Part 2-1: Particular requirements-fixed general purpose luminaires
		SANS 60598-2-2: 2013	Luminaires Part 2-2: Particular requirements -Recessed luminaires
		SANS 60598-2-3: 2013	Luminaires Part 2-3: Particular requirements- Luminaires For road and street lighting
		SANS 60598-2-4: 2020	Luminaires Part 2-4: Particular requirements-Portable General-purpose luminaires
		SANS 60598-2-5: 2016	Luminaires Part 2-5: Particular requirements -Flood lights

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Product Certification Agreement
DOC29/ExCS-SANS 1464

Type 5 SANS 1464-22: 2016

Safety of luminaires: Part 22: Luminaires for
emergency lighting

Original date of Accreditation: 24 August 2023

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Accreditation Manager